STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. H.L. Akin
   (Name of Appropriator)
   of ...........
   (Address)
   (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August, 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Three gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August, 1949

8. The depth of water table: 380 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Artesian well; two inch, 380 ft.

10. The estimated amount of groundwater withdrawn each year: 1,575,800 gallons

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Filed for Record: 11/29/1963

Date December 2, 1963

Signature of Owner: J.L. Akin

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Meade Engineer

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles Guyer
Address: Elk Lake, Montana

Driller: Meade Gandy
Address: Belle Fourche, S.D.

Date of Notice of Appropriation of Groundwater
Date well started
Date completed

Type of well: Drilled
Equipment Used: Rotary (Churn, drill, rotary or other)

Water Use: Domestic
Municipal
Other
Irrigation
Industrial
Drainage
Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Static Water Level for non-flowing well
Pressure for flowing well
Pumping Water Level
Discharge in gal. per min. of flowing well
How Tested
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I, Charles W. Guyer, of Ekalaka, Carter County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriate: Charles W. Guyer
   Address: Ekalaka
2. The beneficial use on which the claim is based: Stockwater & Home water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1934 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute): Un Known
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump (Specification)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1939 - Finished
8. The depth of water table: Un Known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Casing 240 feet deep
10. The estimated amount of groundwater withdrawn each year: 75,000 gal./mo.
11. The log of formations encountered in the drilling of each well if available: Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No

Signature of Owner: Charles W. Guyer
Date: 2-12-62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1910
Owner: Northern Pacific Railway Company

Contractor (if any)
Address of Contractor
Date Started: ____________________ Date Completed: ____________________

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring, used since 1910.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. Spring flows
3 to 4 gallons per minute.

Indicate point of appropriation and place of use, if possible.

Northern Pacific Railway Company

Signature of Owner:

Date: ____________________

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Filed for Record

[Signature]

[Date: Nov 27, 1963]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner:
Address:
Contractor (if any):
Address of Contractor:
Date Started:
Date Completed:

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use.

Indicate point of appropriation
and place of use, if possible.

Signature of Owner:
Date:

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Water Well Log</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Mrs. Gladys Wehling</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Henry Brant</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>8-25-59</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 12, T. 3 N., R. 57 E., 1/4 sec. SSW</td>
</tr>
<tr>
<td><strong>Type of Well</strong></td>
<td>Drilled</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic [ ]</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>0 ft. to 166 ft.</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>160 ft. to 217 ft.</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong></td>
<td>Ft. 163 to Ft. 217</td>
</tr>
<tr>
<td><strong>Type of screen or perforations</strong></td>
<td>Round hole</td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well</strong></td>
<td>147 feet</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well</strong></td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>92 feet at 14 gal. per min.</td>
</tr>
<tr>
<td><strong>How tested</strong></td>
<td>Failed</td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td>1 Hour</td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>62</td>
</tr>
<tr>
<td>62</td>
<td>96</td>
</tr>
<tr>
<td>96</td>
<td>114</td>
</tr>
<tr>
<td>114</td>
<td>132</td>
</tr>
<tr>
<td>132</td>
<td>157</td>
</tr>
<tr>
<td>157</td>
<td>197</td>
</tr>
<tr>
<td>197</td>
<td>201</td>
</tr>
<tr>
<td>201</td>
<td>217</td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Top of Ground**
   - Elev. above sea level:

2. **Date of Notice of Appropriation of Groundwater**
3. **Date well started**
4. **Date Completed**
5. **Type of well**
   - Dug, driven, bored or drilled
6. **Equipment Used**
7. **Water Use**
   - Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other
8. **Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.**

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Kind of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-30 yellow shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>30-64 light shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>64-86 blue shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>80-94 dark shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>94-101 coal</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>101-130 light shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>130-146 sand shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>146-150 sand dry</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>150-160 dark shale</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>160-200 water</td>
<td>1</td>
<td>1</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well**
- **Shut-in Pressure for Flowing Well**
- **Pumping Water Level**
- **Discharge in gal. per min. of flowing well**
- **How Tested**
- **Remarks**

**Indicate location of well and place of use, if possible. Each small square represents 10 acres.**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: MARIAN MEHLING
Address: WILLARD, MONT.

Driller: HENRY GRIANT
Address: EKALAKA, MONT.

Date of Notice of Appropriation of Groundwater: Aug 25
Date well started: Aug 26
Date Completed: Aug 28

Type of Well: DRILLED
Equipment Used: Rotary

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with during drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Filed for Record

Perforations

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Collar</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Blow hole</th>
<th>Length of Test</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2&quot;</td>
<td>4&quot;</td>
<td>O-100</td>
<td>165'</td>
<td>169'</td>
<td>219'</td>
<td></td>
</tr>
<tr>
<td>4 1/2&quot;</td>
<td>3&quot;</td>
<td>165' 169'</td>
<td>219' 1/4&quot;</td>
<td>219' 1/4&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 155' feet.
Shut-in Pressure for Flowing Well: 9 gal. per minute.
Pumping Water Level: 165' feet at 9 gal. per minute.
Discharge in gal. per min. of flowing well: 9 gal.
How Tested: Bailing
Length of Test: 2 hrs.
Remarks: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Driller's License Number: 66
Driller's Signature: Henry GRIANT

Approved Stock Form—State Publishing Co., Helena, Montana—1918
### Notice of Completion of Groundwater Appropriation by Means of Well

(Approved by Chapter 237, Montana Session Laws, 1961)

**HARLAN MEHLING**  
Owner:  
Address: WILLARD, MONT.

**FRANK MEHLING**  
Address: EKALAKA, MONT.

**HENRY BRIANT**  
Owner:  
Address: EKALAKA, MONT.

**Notice of Appropriation of Groundwater**

Date of Notice of Appropriation of Groundwater:  
Date Completed:  
Type of well DRILLED:  
Equipment Used: Rotary  
(trench, driven, bored or drilled)

**Water Use:**  
Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock  

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

---

**Filed for Record**

<table>
<thead>
<tr>
<th>Area of Diurnal</th>
<th>Boundaries of Water</th>
<th>Date of Notice of Appropriation</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>55' 41/2''</td>
<td>111' 10''</td>
<td>May 7</td>
<td>May 10</td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well:** 87 feet.
- **Shut-in Pressure for Flowing Well:** 
- **Pumping Water Level:** 90 feet at 8 gal. per minute.
- **Discharge in gal. per min. of flowing well:**
- **How Tested:** Baling
- **Length of Test:** 2 hrs.
- **Remarks:** (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not as well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation): 

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**Driller's License Number:**  
**Driller's Signature:**

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**County Clerk and Recorder:**  
Each small square represents 10 acres.

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This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder, duplicate to the State Engineer, triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: FULTON CASTLEBERRY
Address: Ekalaka, Mont.

Driller: MARIE R. BANDY
Address: Belle Fourche, S.D.

Date of Notice of appropriation of groundwater: 9-12-68
Date well started: 9-12-68
Date completed: 9-14-68

Type of well: ROTARY DRILLED
Equipment used: ROTARY

Water use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drenage [ ] Other [ ]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

| Depth of Drilled Hole | Size of Well, Sand or Core | From Top of Hole | To
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>240</td>
<td></td>
<td>190</td>
<td>240</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 3 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gal. per min. of flowing well: 2.5 gal.

How Tested: (Gravel packing, cementing, packers, type of shut-off)
Length of Test: (Continue on reverse side)
Remarks: (Cemented)

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number: 112
Driller's Signature: MARIE R. BANDY
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1940

Owner: Glen Hall
Address: Elk Lake, Montana

Contractor (if any) ____________________________
Address of Contractor ____________________________

Date Started: ____________________________ Date Completed: ____________________________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Undercropped spring used for stock water

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use ____________________________

Signature of Owner: Glen Hall
Date: 12-20-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

Address: Enola, Mont.

Date well started: 8-3-72

Type of well: Drilled

Equipment used: Rotary

Water Use: Domestic

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Perforations</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.7</td>
<td>278</td>
<td>274</td>
</tr>
</tbody>
</table>

Top of Ground (ft. above sea level)

<table>
<thead>
<tr>
<th></th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: Flow ft.

Pumping water level: ft.

of gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by

Power: Pump

Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Neil B. Bandy

Driller's Address:

LICENSE NO. 112

Show exact depth of bottom

51, 240
CARTER COUNTY
PACALA, MONTANA
Filed for Record
AUG 25 1972

133301

COUNTY CLerk

D NASCAR

Till: None
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Driller:**

**Date of Notice of Appropriation of Groundwater**

**Date well started**

**Date Completed**

**Type of well**

**Equipment Used**

**Water Use:**
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

"Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 19 feet.

**Shut-in Pressure for Flowing Well**

**Pumping Water Level:** 30 feet at 6,000 gal. per minute.

**Discharge in gal. per min. of flowing well**

**How Tested:**

**Length of Test:** 1,500 feet.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff, location of place of use of ground-water if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

**Indicate location of well and place of use, if possible. Each small square represents 10 acres.**

**Show exact depth of bottom.**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
### Notice of Completion of Groundwater Appropriation by Means of Well

**State of Montana**

**State Water Conservation Board**

**Administrator of Groundwater Code**

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

---

**Owner:** Charles Cuyer

**Address:** Kalispell, Mont.

**Driller:** Merle R. Bandy

**Address:** Belle Fourche, S.D.

---

**Date of Notice of Appropriation of groundwater:**

Date well started: 12-5-68

Date completed: 12-8-68

---

**Equipment used:** Drilled (Drilled, driven, bored or drilled)

**Type of well:** Water (Churn drill, rotary or other)

**Water use:** Domestic □ Municipal □ Stock □ Irrigation □

**Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

---

**Perforations**

<table>
<thead>
<tr>
<th>Kind of Well</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing well:**

15 feet

**Shut-in Pressure for Flowing well:**

**Pumping Water Level:**

65 feet at 30 gal. per minute.

**Discharge in gal. per min. of flowing well:**

**How Tested:** Pumped

**Length of Test:** 1 hour

**Remarks:** (Gravel packing, cementing, packers, type of shutoff)

---

**Use—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).**

---

**Driller's License Number**

Driller's Signature

---

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
CARTER COUNTY
ENALASKA, KUANAK
Filed for Record
at 11:00 a.m.
DEC 9 1968

Jane M. Brower

Fee: $2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Herman Haberman
(Name of Appropriator)

County of Carter
(State of Montana)

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:

3. Date or approximate date of earliest beneficial use; and how continuously the use has been:

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 gpm. The nature of use is:

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater:

8. The depth of water table:

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available:

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner:

Date:

This form to be filled by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

File No. 113124

Duplicate

RECEIVED
DEC 23 1963

State Engineer

Signature of Owner:

Date:
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Frank D. Schilling, (Name of Appropriator)
E. C. Circle, (Address)
Carter County, (Town)

I, the undersigned, having appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based:  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute): All the time, with foregoing

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: gravity flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

8. The depth of water table.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year: 788,400 gal

11. The log of formations encountered in the drilling of each well if available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner, Frank D. Schilling
Date: Dec 4, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

File No. 112939

DUPLICATE

$3.00

RECEIVED
DEC 13 1963
Filed for Record

Dec 9 1963

Jane M. Brewster
County Clerk

(Handwritten signature)
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

HARLAN MEHLINE  FRANK MEHLINE
Owner: GLODS BRIANT Address: WILLARD, MONT.

Driller: Address:

Date of Notice of Appropriation of Groundwater: 

Date well started: 1950 5 Date Completed: 1950 5

Type of Well: Drilled Equipment Used: (dig, driven, bored or churn, drill, rotary or drilled)

Water Use: Domestic  Municipal  Other  Irrigation  Stock

□  □  □  □

*Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: feet at gal. per minute.

Discharge in gal. per min. of flowing well: 

How Tested: Length of Test: 

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information including number of acres irrigated, if used for irrigation):

<table>
<thead>
<tr>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

300' Depth
S 24' 5N-37E
S 25' 5E

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: HW MEHLING Address: WILLARD, MONT.
Driller: HENRY BRIANT Address: EKALAKA, MONT.

Date of Notice of Appropriation of Groundwater

Date well started: May 24 Date Completed: May 26

Type of well: Drilled Equipment Used: Rotary
(dig, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic [] Municipal [] Other [] Irrigation []
Industrial [] Drainage [] Stock []

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

| Static Water Level for non-flowing Well | 80 ft |
| Shut-in Pressure for flowing well | |
| Pumping Water Level | 90 ft at 8 gal. per minute |
| Discharge in gal. per min. of flowing well | |
| How Tested | Belting |
| Length of Test | 2 hrs |

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Gladys Bryant</th>
<th>Address</th>
<th>Kalispell, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Henry Bryant</td>
<td>Address</td>
<td>Kalispell, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>May 24, 1961</td>
<td>Date Completed</td>
<td>May 26, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 25, T. 3 N., R. 57 E., \ 1 sec. SWW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of well: Drilled  
Equipment used: Rotary

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

Casing: 0 ft. to 48 ft.  
Type: Steel pipe  
Size: 6 Inch

Casing: 48 ft. to 301 ft.  
Type: Steel pipe  
Size: 4 Inch

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

Type of screen or perforations: Round holes

Static Water level, for non-flowing well: 80 feet.
Shut-in pressure, for flowing well: \[\text{lb./sq. in. on:}\ \]

Pumping water level: 85 feet at 12 gal. per min.

How tested: (LST)

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td></td>
<td>yellow sand</td>
</tr>
<tr>
<td>10</td>
<td>30</td>
<td></td>
<td>yellow shale</td>
</tr>
<tr>
<td>30</td>
<td>70</td>
<td></td>
<td>yellow sand</td>
</tr>
<tr>
<td>70</td>
<td>90</td>
<td></td>
<td>light shale</td>
</tr>
<tr>
<td>90</td>
<td>100</td>
<td></td>
<td>gray sand dry</td>
</tr>
<tr>
<td>100</td>
<td>145</td>
<td></td>
<td>gray shale</td>
</tr>
<tr>
<td>145</td>
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<td>coal</td>
</tr>
<tr>
<td>150</td>
<td>180</td>
<td></td>
<td>gray shale</td>
</tr>
<tr>
<td>180</td>
<td>195</td>
<td></td>
<td>dark shale</td>
</tr>
<tr>
<td>195</td>
<td>230</td>
<td></td>
<td>light shale</td>
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<tr>
<td>230</td>
<td>270</td>
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<td>270</td>
<td>290</td>
<td></td>
<td>blue shale</td>
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<tr>
<td>290</td>
<td>320</td>
<td></td>
<td>sandy shale</td>
</tr>
<tr>
<td>320</td>
<td>348</td>
<td></td>
<td>water sand</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Anna Meyers
(Owner's Name)

County of Carter
(State of Montana)

APPROPRIATION

File No.

3N R 57E

DUPLICATE

2. The beneficial use on which the claim is based.
   Stock Water

3. Date and approximate date of earliest beneficial use; and how continuous the use has been.
   1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   10 gpm per minute

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof.
   Montana

6. The manner of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Spring Watered Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Spring

8. The depth of water table.
   Spring

9. As far as it may be possible, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Spring

10. The estimated amount of groundwater withdrawn each year.
    All of the Flow

11. The log of formations encountered in the drilling of each well if available.
    Spring

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Anna Meyers

Date: 12/31/1962

This returns are subscribed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, an "N.A." or "NA." in the space the form will be returned.

Send a copy to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Water and Geology, and quadruplicate for the Appropriator.

25877
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BRIANT, GLADYS</td>
<td>GW-2</td>
<td>114048</td>
<td></td>
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<tr>
<td>1</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
<td>1134907</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>MEDICINE ROCKS STATE PARK</td>
<td>GW-2</td>
<td>112082</td>
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</tr>
<tr>
<td>2</td>
<td>SMITH, RUSSELL G. LINA M.</td>
<td>GW-4</td>
<td>113243</td>
<td></td>
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<tr>
<td>3</td>
<td>SMITH, RUSSELL G. LINA M.</td>
<td>GW-4</td>
<td>113243</td>
<td></td>
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<tr>
<td>7</td>
<td>NISS, CHRIST</td>
<td>Water Well Log</td>
<td>100934</td>
<td></td>
</tr>
<tr>
<td>11</td>
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<td>1134908</td>
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<td>11</td>
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<td>GW-3</td>
<td>1134908</td>
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<tr>
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<td>GW-4</td>
<td>111747</td>
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<tr>
<td>12</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
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<tr>
<td>12</td>
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<td>GW-3</td>
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<tr>
<td>12</td>
<td>MEHLENING, GLADYS &amp; SON</td>
<td>GW-2</td>
<td>115801</td>
<td></td>
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<tr>
<td>13</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-23</td>
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<tr>
<td>14</td>
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<td>14</td>
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<tr>
<td>15</td>
<td>POTTAPAL, LAURA H.</td>
<td>GW-4</td>
<td>112330</td>
<td></td>
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<td>17</td>
<td>NISS, CHRIST</td>
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<td>111745</td>
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<tr>
<td>21</td>
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<td>21</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
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<td>22</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
<td>1134913</td>
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<tr>
<td>22</td>
<td>OC'GORMAN, JEANNINE</td>
<td>GW-4</td>
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<tr>
<td>24</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
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<tr>
<td>27</td>
<td>ANDERSON, WALTER</td>
<td>GW-3</td>
<td>112973</td>
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</tr>
<tr>
<td>28</td>
<td>PITMAN, LAURA H.</td>
<td>GW-4</td>
<td>113329</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>CASTLEFERRY, FRANK</td>
<td>GW-4</td>
<td>112941</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>MEDICINE ROCKS RANCH</td>
<td>GW-3</td>
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<tr>
<td>32</td>
<td>KEIRLE, EPH</td>
<td>GW-4</td>
<td>113302</td>
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</tr>
<tr>
<td>33</td>
<td>KEIRLE, EPH</td>
<td>GW-2</td>
<td>114249</td>
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<tr>
<td>35</td>
<td>ANDERSON, WALTER</td>
<td>GW-4</td>
<td>112972</td>
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</tr>
<tr>
<td>1</td>
<td>NISS, CHRIST</td>
<td>Water Well Log</td>
<td>112972</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner's Name: [Fill in name]
Address: [Fill in address]

Driller's Name: [Fill in name]
Address: [Fill in address]

Date of Notice of Appropriation of Groundwater: [Fill in date]

Date well started: [Fill in date]
Date completed: [Fill in date]

Type of well: [Fill in type]
Equipment used: [Fill in equipment]

Water use: Domestic [ ], Municipal [ ], Other [ ], Irrigation [ ]
Industrial [ ], Drainage [ ], Stock [ ]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Depth Below</th>
<th>Stage and Weight of Casing</th>
<th>Fresh</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>160</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level for non-flowing well: [Fill in level]
Shut-in pressure for flowing well: [Fill in pressure]
Pumping water level: [Fill in level]
Discharge in gal. per min. of flowing well: [Fill in discharge]
How tested: [Fill in test]
Length of test: [Fill in length]
Remarks: [Fill in remarks]

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom: [Fill in depth]

Driller's License Number: [Fill in number]
Driller's Signature: [Signature]

This form to be prepared by driller and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Medicine Rocks Ranch
Address: Willard, Montana
Contractor (if any): Kreager
Address of Contractor: Baker, Montana
Date Started: Oct. -1972
Date Completed: Oct. -1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table unknown

4. Use of the water stockwater

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year normal use
   12 months

8. Months of year spring flows

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 3,400 feet

Owner's Signature: Medicine Rocks Ranch
Date: March 2, 1973

County: Carter
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner:  
Address:  
Driller:  
Address:  

Date of Notice of Appropriation of Groundwater:  
Date Well Started:  
Date Completed:  

Type of Well: Drilled  
Equipment Used: Rotary  

Water Use: Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock  

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 25 ft. 10&quot;</td>
<td></td>
<td>0 ft.</td>
<td>110 ft.</td>
<td></td>
</tr>
<tr>
<td>25 to 110-1/2&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well:  12 feet.
Shut-in Pressure for Flowing Well:  
Pumping Water Level:  30 feet at 30 gal. per minute.
Discharge in gals per min. of flowing well:  
How Tested: Bailing  
Length of Test:  3 hrs.
Remarks: (Gravel packing, cementing, packers type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  

Show exact depth of bottom.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Filed for Record

2:00 o'clock P.M.

JUL 9 1963

Jane M. Emmett
County Clerk

Deputy

Fee None
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Russell G. & Lila M. Smith
(Name of Appropriator) Baker
(Address) Montana
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:
  Watering livestock.

3. Date or approximate date of onset beneficial use; and how continuous the use has been:
  Prior to 1955. Used by this owner since September, 1962.

4. The amount of groundwater claimed (in minute's inches or gallons per minute):
  No. 1 10 gallons per minute.
  No. 2 10 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
  Not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
  No. 1 RESE of sec. 2, NW. 1/4, NE. 1/4 sec. 2, T. N. 58E.
  No. 2 RESE of sec. 2, NW. 1/4, NE. 1/4 sec. 2, T. N. 58E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
  Surface springs.

8. The depth of water table:
  Surface springs.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
  No. 1 12' wooden tank. 12' pipe.
  No. 2 12' wooden tank. 12' pipe.

10. The estimated amount of groundwater withdrawn each year:
  Not known.

11. The log of formations encountered in the drilling of each well if available:
  Does not apply.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
  Does not apply.

Russell G. Smith & Lila M. Smith

Signature of Owner

Date: December 26, 1963.

This form to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Submit to the County Clerk and Recorder: Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Russell G. Smith & Lila M. Smith of Baker

County of Carter State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based:
   - watering livestock.

2. Date or approximate date of earliest beneficial use and how continuous the use has been prior to 1950, used by present owner since September, 1963.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

7. The depth of water table.

8. The depth of water table: surface spring.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year not known.

11. The log of formations encountered in the drilling of each well if available not applicable.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to book and page of any county record not applicable.

Signature of Owner

Russell G. Smith & Lila M. Smith

Date

December 26, 1963.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Christ Ross</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Kalispell, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Henry Bristk</td>
</tr>
<tr>
<td>Address</td>
<td>Kalispell, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 1, 1957</td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 3, 1957</td>
</tr>
</tbody>
</table>

**Location**: Sec. 7, T. 3 N., R. 58 W., M. S.

**Type of well**: Drilled

**Equipment used**: Rotary (Churn drill, rotary, other)

**Water use**: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

**Industrial** [ ] Drainage [ ] Other: [ ]

**Casing**: ft. to ft. Type Black Pipe Size 3 x 4 Inch

**Casing**: ft. to ft. Type Size

**Perforated or Screened**: Bottom to ft. 40 ft. to ft.

**Type of screen or perforations**: Holes

**Static Water level, for non-flowing well**: ft.

**Shut-in pressure, for flowing well**: lb. sq. in. on:ib. sq. in. on: (date)

**Pumping water level** 22 ft. at gals. per min.

**How tested**: Boiler

**Length of test**: 2 hours

**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
<td>2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2</td>
<td>13</td>
<td></td>
<td>Sand</td>
</tr>
<tr>
<td>13</td>
<td>20</td>
<td></td>
<td>Yellow Sand &amp; Gravel</td>
</tr>
<tr>
<td>20</td>
<td>30</td>
<td></td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>30</td>
<td>40</td>
<td></td>
<td>Dark shale</td>
</tr>
<tr>
<td>40</td>
<td>50</td>
<td></td>
<td>Dark shale</td>
</tr>
<tr>
<td>50</td>
<td>60</td>
<td></td>
<td>Blue shale</td>
</tr>
<tr>
<td>60</td>
<td>70</td>
<td></td>
<td>Blue shale</td>
</tr>
<tr>
<td>70</td>
<td>73</td>
<td></td>
<td>Rock</td>
</tr>
<tr>
<td>73</td>
<td>78</td>
<td></td>
<td>Sand-rock</td>
</tr>
<tr>
<td>78</td>
<td>96</td>
<td></td>
<td>Sand</td>
</tr>
<tr>
<td>96</td>
<td>100</td>
<td></td>
<td>Shale</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filled with the County Clerk and Recorder of the county in which the works
are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Medicine Rocks Ranch
Address: Willard, Montana
Contractor (if any): Kreager
Address of Contractor: Baker, Montana
Date Started: Oct.-1972  Date Completed: Oct.-1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

2. Means of withdrawing water (gravity, pump, canal, etc.)

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

8. Months of year spring flows

 INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 3400 feet

MEDICINE ROCKS RANCH
Signature of Owner: Bladye McBride
Date: March 2, 1973

[Signature]

[Date]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner _____________ Medicine Rocks Ranch

Address _____________ Willard, Montana

Contractor (if any) _____________ Kreager

Address of Contractor _____________ Baker, Montana

Date Started Oct. 1972
Date Completed Oct. 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) _____________ developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.) _____________ gravity

3. Depth of water table _____________ unknown

4. Use of the water _____________ stockwater

5. Amount of groundwater claimed (in miner's inches or gallons per minute) _____________ 12 gallons per minute

6. If used for irrigation, give number of acres and description of land _____________

7. Estimate amount of water used each year _____________ normal use

8. Months of year spring flows _____________ 12 months

MEDICINE ROCKS RANCH

Signature of Owner _____________

Date _____________ March 1, 1973

S$2,600
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. GLADYS BRIANT of WILLARD
(Name of Appropriator) (Address) (Town)
County of CARTER State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: House Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 GALLONS OR MORE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

8. The depth of water table: 10 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available:

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: GLADYS BRIANT
Date: March 12, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Medicine Rocks Ranch
Address: Willard, Montana
Contractor (if any): Kreager
Address of Contractor: Baker, Montana
Date Started: 1973 Date Completed: 1973

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.)
   Gravity

3. Depth of water table
   Unknown

4. Use of the water
   Stockwater

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year
   Normal use

8. Months of year spring flows
   12 months

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 3400 feet

MEDICINE ROCKS RANCH

Signature of Owner: Gladys Huddling
Date: March 2, 1973
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: MEDINE ROCK RANCH
Address: Ekalaka, Mont.

Driller: MENE R. BANDY
Address: Ekalaka, Mont.

Date of Notice of appropriation of groundwater: 8-11-70

Date well started: 8-10-70

Date completed: 8-11-70

Type of well: Drilled

Equipment used: Rotary

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

---

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutoff)

---

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom.

220

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
128630

CARTER COUNTY
EKALADA, MONTANA
Filed for Record
at 5:00
AUG 21 1970
JAN. 4 SILVESTER
Cashier's Check

For: $2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: __________________________ Address: __________________________
Driller: _________________________ Address: __________________________

Date of Notice of Appropriation of Groundwater: __________________________
Date well started: ___________ Date Completed: ___________

Type of well: ____________________ Equipment Used: ___________
(Dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [ ]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Height to Water (Feet)</th>
<th>Character of Water-bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-4 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-16 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-41 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>41-80 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80-95 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95-130 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>130-120 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: _________ feet.
Shut-in Pressure for Flowing Well: ___________
Pumping Water Level: ___________ feet at ___________ gal. per minute.
Discharge in gal. per min. of flowing well: ___________
How Tested: ___________ Length of Test: ___________

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

Show exact depth of bottom.

Driller's License Number: ___________
Driller's Signature: __________________________

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

JUL 13 1965
ST ENGNEER
CARTER COUNTY
EKALAKE, MONTANA

Filed for Record
at 2:30 p.m.
JUL 10 1965

[Signature]
Deputy Clerk
County Court

See: B2, 00.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

Owner: Medicine Rocks Ranch
Address: Willard, Montana
Contractor (if any): Kraner
Address of Contractor: Baker, Montana
Date Started: July-1970 Date Completed: July-1970

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

2. Means of withdrawing water (gravity, pump, canal, etc.)

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

MONTHS OF YEAR SPRING FLOWS 12 months

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated: 3400 feet

MEDICINE ROCKS RANCH
Signature of Owner
Date: March 2, 1973

52366